

In re Patent Application of:

WU

Serial No. 10/584,663

Filed: 06/26/2006

REMARKS

Claims 1 to 7 were previously pending in this application.

Claims 1 has been rejected under 35 U.S.C. § 102(b) as being anticipated by United States Patent No. 4,995,173 (Spier).

Claims 1 to 5 have been rejected under 35 U.S.C. § 102(b) as being anticipated by United States Patent No. 5,846,063 (Lakic).

Claims 1 to 3 have been rejected under 35 U.S.C. § 102(e) as being anticipated by United States Patent No. 6,892,477 (Potter).

Claim 1 has been rejected under 35 U.S.C. § 102(b) as being anticipated by United States Patent No. 4,446,634 (Johnson).

Claims 6 and 7 have been rejected under 35 U.S.C. § 103(a) as being unpatentable over Lakic.

Claims 1 to 7 have been rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

The specification and abstract have been objected to for including grammatical and idiomatic errors.

Amendments to the Specification

The specification and abstract have been amended to enhance the original translation by correcting the grammatical and idiomatic errors. The summary section has been updated in accordance with the amendments to the claims. Several terms have been replaced

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with more suitable terminology, e.g. "rotation shaft" has been replaced with "rotatable shaft"; "adjusting turnbutton" has been replaced with "rotating knob"; "sleeved" has been replaced with "mounted, like sleeves"; "a concave" has been replaced with "a concave recess"; "a leak resistant ring" has been replaced with "a leak resistant ring seal"; "flow pressure controlling means" has been replaced with "flow pressure controller"; and "adjusting tip" has been replaced with "adjustable tip". The typographical error in paragraph 19 has been corrected.

Amendments to Claims

The claims of the application have been amended to overcome the objections of the Examiner and to better define the invention in light of the prior art. In particular, claims 1 and 2 have been cancelled and claim 3 has been rewritten in independent form as an apparatus claim. The claims have also been amended to include the changes in terminology introduced in the specification. Furthermore, claim 3 has been amended to define the elements of the adjusting device, and to clarify that the adjusting device controls both the first and second pressure controllers to alternatively open the first pressure controller and close the second pressure controller when actuated into a first position, **and** close the first and open the second when in a second position.

Claims 4, 6 and 7 have been amended to correct the antecedent basis by replacement of the definite article "the" with the indefinite article "a". Claims 4 and 5 have been combined into claim 4 to eliminate the confusion over the "second ball valve", and claim 6 has been amended to depend from claim 4.

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Response to Arguments

The Potter reference discloses several independent chambers 12a to 12g each with "an individually operable regulator, such as modulating valve 29" (Col 4, lines 46 to 50). The Lakic reference discloses also discloses separately sealed interior chambers 163, 165 and 183, in which "each of the flaps is provided with a hand pump 170". Accordingly, neither Potter nor Lakic discloses a single adjusting device, which includes adjusting heads for opening a first flow pressure controller, and an adjustable tip for simultaneously closing a second flow pressure controller.

Conclusion

The claims of the application now clearly define patentable subject matter, and withdrawal of the formal and substantial rejections is hereby requested.

Should any minor informalities need to be addressed, the Examiner is respectfully requested to contact the undersigned attorney at the telephone number listed below.

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Please charge any shortage in fees due in connection with the filing of this paper, including Extension of Time fees, to Deposit Account No. 50-2810 and please credit any excess fees to such deposit account.

Respectfully submitted,

/CHRISTOPHER F. REGAN/

CHRISTOPHER F. REGAN

Reg. No. 34,906

Customer No.: 27975

Telephone: (407) 841-2330

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